

INDEX TO AMERICAN DOCTORAL DISSERTATIONS

Combined with
Dissertation Abstracts, Vol. XVI, No. 13

1955 - 1956

(Following *Doctoral Dissertations Accepted by
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INDEX TO
AMERICAN DOCTORAL
DISSERTATIONS

Continued from
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1955-1956

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INTRODUCTION

This present compilation of doctoral dissertations accepted by American Universities serves two purposes: it is a continuation of Doctoral Dissertation compiled by Trotier and Harman; and it is an index to dissertations abstracted in *Dissertation Abstracts*, volume XVI.

The features and style of the previous volumes sponsored by The Association of Research Libraries have been largely retained, and the statistical tables are comparable.

The expected increase in enrollment which is already affecting higher education has not as yet been felt to a very great extent on the doctoral level, as indicated in the comparative table below:

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
Philosophy	39	59	72	94	105	92	131	104	100	96
Religion	89	102	228	156	190	184	206	152	138	140
Physical Sciences	715	1139	1567	2007	2183	2281	2410	2417	2397	2383
Earth Sciences	70	90	133	179	199	198	227	239	232	413
Biological Sciences	604	896	1134	1559	1932	2027	2338	2509	2480	2157
Social Sciences	749	923	1285	1396	2194	2160	2520	2745	2657	2649
Humanities	321	400	434	619	674	719	772	834	808	861
Totals	2,587	3,609	4,853	6,510	7,477	7,661	8,604	9,000	8,812	8,699

Eugene Power

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* Linguistics are included with literature in all subdivisions, but the word linguistics is omitted in the literature headings for the sake of brevity.

LIST OF CURRENT UNIVERSITY SERIAL PUBLICATIONS ABSTRACTING DISSERTATIONS

PUBLICATION, PRESERVATION AND LENDING OF AMERICAN DOCTORAL DISSERTATIONS

About half of the doctoral dissertations written each year are abstracted in *Dissertation Abstracts* and reproduced in full on microfilm by University Microfilms.

The Association of Research Libraries has endorsed publication by microfilm and the publication of an abstract in *Dissertation Abstracts* as one means of making this material available to scholars and research workers. The seventy-eight institutions participating in this cooperative publication program are to be found in Table I, and are separately listed on the inside front cover.

Graduate schools not requiring the microfilm publication of their doctoral dissertations will usually lend these on interlibrary loan. Inquiries for such dissertations should be addressed to the holding institution through a local reference library.

Dissertations abstracted in *Dissertation Abstracts* may be secured direct from University Microfilms, either as positive microfilm or as Xerox enlargements on paper. This latter service will be found useful to those who wish to avoid the necessity of using a microfilm reader.

TABLE I

Practices of Publication and Loan of Doctoral Dissertations

University	Printing Required	Accepts Micro- filming	Abstracts Published	MS Cops. Supplied Library	Lends Typed Copies	Lends Printed Copies
Alabama.....	No		Yes	2	Yes	No
Alabama Poly.....	Yes	Yes ¹	Yes	2	No	No
American.....	No	Yes ¹	No	3	Yes	No
Arizona.....	No	Yes ¹	No	2	Yes	No
Arkansas.....	No	Yes ¹	No	2	Yes ⁵	No
Boston.....	No	Yes ¹	Yes	2	Yes	No
Bradley.....	No	Yes ¹	No	2	Yes ⁵	No
British Columbia.....	No	No	No	2	Yes	No
Brooklyn Polytechnic.....	No	Yes ¹	No	2	No	No
Brown.....	No	Yes	No	1	No	No
Bryn Mawr.....	Yes	Yes ¹	No	1	No	Yes
Buffalo.....	No	Yes ¹	No	2	Yes	No
California, Berkeley.....	No	No	Yes	1	No	No
California, Los Angeles.....	No	No	Yes	2	Yes	Yes
California Tech.....	No	No	No	3	Yes	No
Carnegie Tech.....	Yes	No	No	2	Yes	Yes
Case Inst. of Technology.....	No	Yes ¹	Yes	2	Yes	No
Catholic.....	Yes	No	Yes	2	Yes	Yes
Chicago.....	No	Yes	No	1	No	No
Cincinnati.....	No	Yes ¹	No ²	2	Yes ⁵	Yes
Claremont.....	No	Yes ¹	No	2	Yes	No
Clark.....	No	Yes ¹	No	1	No	No
Colorado.....	No	Yes	No	1	No	No
Colorado Ag. and Mech.....	No	Yes ¹	No	2	No	No
Colorado Mines.....	No	No	No	3	Yes	No
Colorado St. College.....		Yes ¹				
Columbia.....	No	Yes ¹	No	2	Yes	Yes

¹ Cooperates with University Microfilms, Ann Arbor, Mich. For additional information see "Introduction" in issues of *Dissertation Abstracts*.

² Except in Teachers College.

³ Except for Ed.D. dissertations.

⁴ Except for dissertations not microfilmed.

⁵ If no microfilm copy is available.

⁶ Can usually supply microfilm copy.

University	Printing Required	Accepts Micro- filming	Abstracts Published	MS Cops. Supplied Library	Lends Typed Copies	Lends Printed Copies
Columbia (Tech. Coll.)	No	No	Yes	2	Yes	Yes
Connecticut	No	Yes ¹	No	2	Yes ⁵	No
Cornell	No	Yes ¹	No	2	No	No
Cornell, Teachers College	No	Yes ¹	No	3	Yes	Yes
Dallas Theol.	No	No	No	2	Yes	No
Denver	No	No	No	3	Yes	No
Drew	No	No	No	3	Yes	No
Dropsie	No	Yes	No	2	Yes	Yes
Duke	No	No	No	2	Yes	No
Emory	No	No	No	2	Yes	No
Fletcher	No	No	Yes	2	Yes	No
Florida, Gainesville	No	Yes ¹	No ³	2	Yes	Yes
Florida, Tallahassee	No	Yes ¹	No	2	Yes ⁵	No
Fordham	No	No	No	2	Yes	No
George Peabody	No	Yes ¹	Yes	2	Yes ⁵	Yes
George Washington	No	No	Yes	3	Yes	No
George Washington, School of Education	No	No	Yes	3	Yes	No
Georgetown	No	No	No	3	Yes	Yes
Georgia	No	Yes	No	2	Yes	No
Georgia Tech.	No	No	Yes	2	Yes	No
Hartford Sem.	No	Yes ¹	Yes	1	No	No
Harvard	No	No	No	2	Yes	Yes
Hebrew Union—Jewish Inst. Religion	Yes	Yes	No	2	Yes	Yes
Houston	No	Yes ¹	No	1	No	No
Illinois	No	Yes ¹	No	2	Yes ⁵	Yes
Illinois (Med. Coll.)	No	Yes ¹	No	2	Yes ⁵	Yes
Illinois Tech.	No	No	No	1	Yes	No
Indiana	No	Yes ¹	No	2	Yes ⁵	Yes
Institutum Divi Thomae	No	No	No	3	Yes	No
Institute of Paper Chem.	No	No	Yes	1	Yes	No
Iowa	No	Yes ¹	No	1	Yes ⁵	No
Iowa State	No	No	Yes	2	Yes	Yes
Johns Hopkins	No	No	No	2	Yes	Yes
Kansas	No	Yes ¹	No	2	Yes ⁵	Yes
Kansas State	No	Yes ¹	No	2	Yes	No
Kentucky	Yes	Yes	No	2	Yes ⁵	Yes
Laval	Yes	No	No	4	No	Yes
Lehigh	No	Yes ¹	No	1	No	No
Louisiana State	No	Yes ¹	No	1	Yes ⁵	No
Loyola, Chicago	No	No	No	3	Yes	No
McGill	No	No	No	2	Yes	No
Maryland	No	Yes ¹	No	2	Yes	No
Massachusetts	No	No	No	3	Yes	No
Massachusetts Tech.	No	No	No	1	No	No ⁶
Michigan	No	Yes ¹	No	1	No	No
Michigan State	No	Yes ¹	No	1	Yes ⁵	Yes
Middlebury	No	No	No	2	Yes	No
Minnesota	No	Yes ¹	No	2	Yes	No
Mississippi State	No	No	Yes	2	Yes	No
Missouri	No	Yes ¹	No	1	No	No
Nebraska	No	Yes ¹	No	2	Yes ⁵	Yes
New Brunswick	No	No	Yes	2	Yes	No
New Mexico	No	Yes ¹	No	2	Yes ⁵	No
New School for Soc. Res.	No	No	No	2	Yes	No
New York	No	Yes ¹	No ⁴	2	Yes ⁵	Yes

University	Printing Required	Accepts Micro- filming	Abstracts Published	MS Cops. Supplied Library	Lends Typed Copies	Lends Printed Copies
New York State Univ. (Coll. of Forestry)	No	No	Yes	2	Yes	No
North Carolina	No	No	Yes	3	Yes	No
North Carolina State	No	Yes ¹	Yes	1	No	No
North Dakota	No	Yes	Yes	1	Yes	No
North Texas State College	No	Yes	Yes	2	Yes	No
Northern Baptist Theol.	No	No	No	1	Yes	No
Northwestern	No	Yes ¹	Yes	3	Yes ⁵	Yes
Notre Dame	No	Yes ¹	No	3	Yes ⁵	Yes
Ohio State	No	Yes ¹	No	2	Yes	No
Oklahoma	No	Yes ¹	No	2	No	No
Oklahoma A. & M.	No	No	No	2	Yes	No
Oregon	No	Yes ¹	No	2	Yes	No
Oregon State	No	Yes ¹	No	2	Yes	No
Pennsylvania	No	Yes ¹	No	0	No	Yes
Pennsylvania State	No	Yes ¹	Yes	2	Yes	No
Pittsburgh	No	Yes ¹	No	2	Yes	No
Princeton	No	Yes ¹	No	2	Yes	Yes
Princeton Theol.	No	No	Yes	2	Yes	Yes
Purdue	No	Yes ¹	No	1	Yes ⁵	Yes
Radcliffe	No	No	No	2	Yes	No
Rensselaer Polytech.	No	Yes ¹	No	1	Yes	No
Rice	No	No	No	2	Yes	No
Rochester	No	No	No	2	Yes	No
Rutgers	No	Yes ¹	No	2	Yes ⁵	No
St. John's, Brooklyn	No	No	Yes	2	Yes	No
St. Louis	No	Yes ¹	Yes	2	Yes ⁵	Yes
Smith	No	No	No	2	Yes	Yes
Univ. of South Carolina		Yes ¹				
South Carolina Med.	No	No	No	2	Yes	No
Southern Baptist	No	No	No	2	Yes	No
Southern California	No	No	Yes	2	Yes	No
Southwestern Baptist	No	No	No	2	Yes	No
Stanford	No	Yes ¹	No	2	No	No
Syracuse	Yes	Yes ¹	Yes	1	Yes	No
Temple	No	Yes ¹	Yes	2	Yes	Yes
Tennessee	No	Yes ¹	No	2 ⁵	Yes ⁵	No
Texas, University of	No	No	No	2	Yes	No
Texas A & M	No	No	Yes	2	Yes	No
Toronto	No	No	Yes	2	Yes	No
Tulane	No	Yes ¹	No	1	Yes	No
Union Theol.	No	Yes	No	2	Yes ⁶	Yes
Utah	Yes	Yes ¹	No	2	Yes	No
Vanderbilt	No	Yes ¹	No	2	Yes ⁵	Yes
Virginia	No	Yes ¹	No	3	Yes ⁵	Yes
Virginia Polytech.	No	Yes ¹	No	2	Yes	No
Washington, St. Louis	No	Yes ¹	No	1	No	No
Washington, Seattle	No	Yes ¹	No	2	Yes ⁵	Yes
Washington State	No	Yes ¹	No	2	Yes ⁵	No
Wayne	No	Yes ¹	No	2	Yes	No
West Virginia	No	No	No	2	Yes	No
Western Reserve	No	No	Yes	2	Yes	Yes
Wisconsin	No	Yes ¹	Yes	2	Yes ⁵	No
Wyoming	No	No	Yes	2	Yes	No
Yale	No	Yes	No	2	Yes ⁵	No
Yeshiva	No	Yes ¹	Yes	0	Yes ⁵	No

STATISTICAL TABLES

A ten-year comparative tabulation of doctoral dissertations by subject fields is shown in Table II.

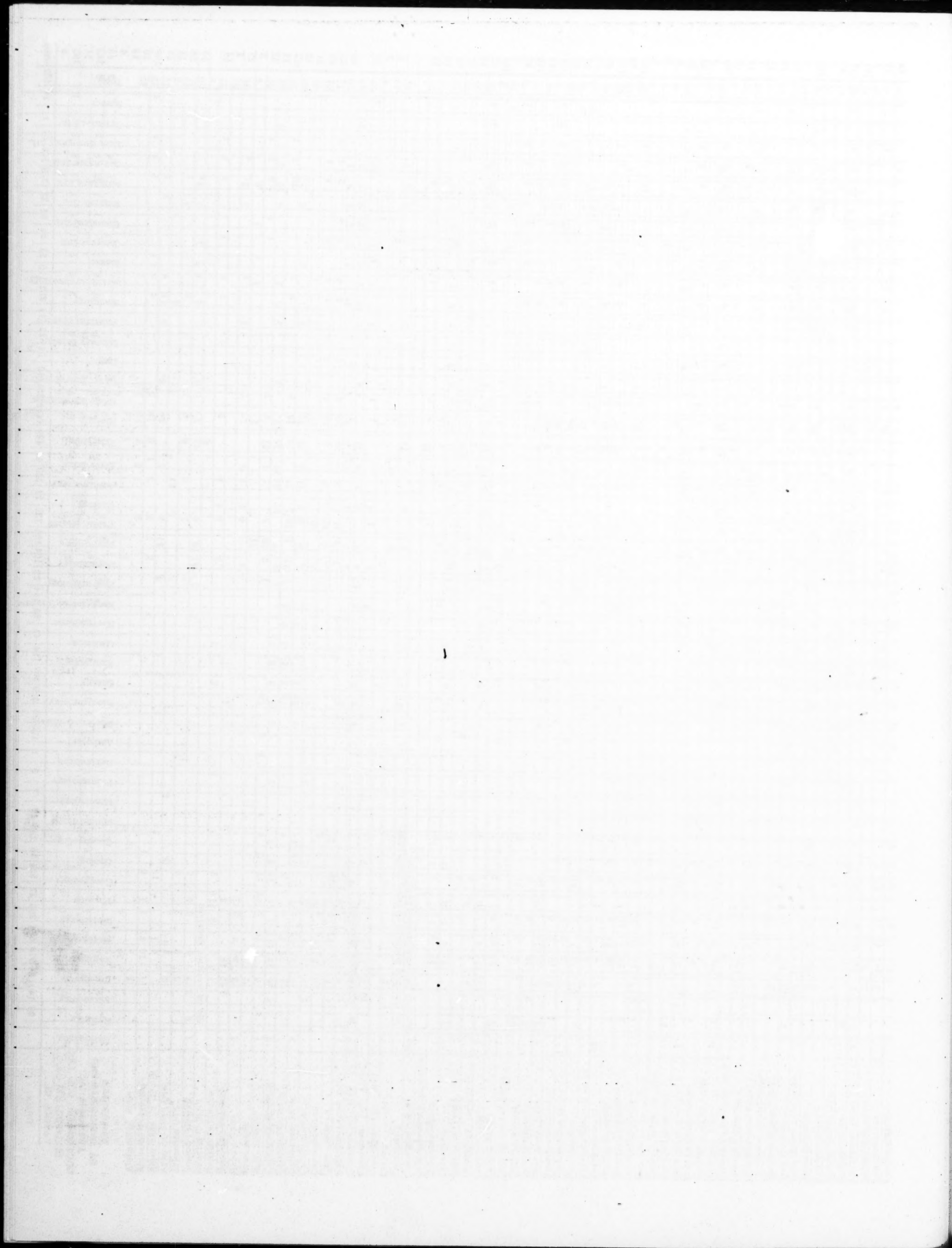
Table III gives an analysis by universities and by subjects for the current year. Such tables were compiled also for the preceding volumes in this series. In the American Council on Education's *American universities and colleges*, 3d ed. (p. 54-75) will be found similar tables for the years 1925-35.

In order to avoid misinterpretations, it must be made clear that the lists in this series are not limited to dissertations written for the Ph.D. degree, but that dissertations written for other kinds of doctoral degrees, e.g. in Education, Science, Jurisprudence, Canon Law and Theology, are also included.

SYMBOLS AND ABBREVIATIONS

- † Indicates dissertations accepted prior to academic year covered by this volume, but not previously reported
- * Withheld pending publication.
- (P) ABSTRACTS OF DOCTORAL DISSERTATIONS, Vol. XVIII, 1956// The Pennsylvania State University, University Park, Pennsylvania
- (CS) ABSTRACTS OF FIELD STUDIES FOR THE DEGREE OF DOCTOR OF EDUCATION, Vol. XVII, 1956, Colorado State College of Education, Greeley, Colorado
- (XVI) The various numbers of DISSERTATION ABSTRACTS, Vol. XVI, 1956, may be identified by the following pages numbers:

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Volume XVI, No. 2	pages 193-419
Volume XVI, No. 3	pages 421-609
Volume XVI, No. 4	pages 611-832
Volume XVI, No. 5	pages 833-1029
Volume XVI, No. 6	pages 1031-1194
Volume XVI, No. 7	pages 1195-1305
Volume XVI, No. 8	pages 1307-1541
Volume XVI, No. 9	pages 1543-1751
Volume XVI, No. 10	pages 1753-1975
Volume XVI, No. 11	pages 1977-2258
Volume XVI, No. 12	pages 2259-2578



Doctoral Dissertations, 1955-56

PHILOSOPHY

Boston

- TODRANK, Gustave Herman. The empirical evidence for Brightman's theistic cosmology. XVI, 1263

Brown

- AMMERMAN, Robert Ray. The natures of concepts and images. XVI, 2482
EASTMAN, William. A critical discussion of Russell's neutral monism. XVI, 2483

Buffalo

- SNEDDEN, James Arnold. A critical examination of the systematic philosophy of William E. Hocking.

California, Berkeley

- ALEXANDER, JR., Henry Aaron. Thomas Reid's defense of common sense.
FAIN, Haskell. Some moral and methodological problems in the social sciences.
ROGERS, JR., Robert. The representative theory of perception.
WALDMAN, Theodore. A re-examination of the notion of consent and political obligation.
WIEMAN, Robert Morgan. The social criteria of value.

California, Los Angeles

- GOYETTE, JR., Charles Edgar. Self-evidence, truth criterion and concept: its methodological and metaphysical nature.
SAYLES, Edward McAneney. A critical evaluation of R. G. Collingwood's views on metaphysics.

Catholic

- ELBERT, Rev. Edmund J. A Thomistic study of the psychology of human character, [Philosophical Studies No. 174, Abstract No. 29]
FOLEY, O.P., Sister Thomas Aquin. Authority and personality development according to St. Thomas Aquinas, [Philosophical Studies No. 172, Abstract No. 27]
McCALL, S.S.J., Rev. Robert Edward. The reality of substance.
O'HARA, C.S.J., Sister M. Kevin. The connotations of wisdom according to St. Thomas Aquinas, [Philosophical Studies, No. 171, Abstract Series No. 26]
O'SHEA, Robert S. Truth of being through knowledge by connaturality, [Philosophical Studies No. 173, Abstract Series No. 23]

- PAPARELLA, Benedict Anthony. Sociality and sociability: a philosophy of sociability.
SHEEHAN, Robert James. The philosophy of happiness according to St. Thomas Aquinas, [Philosophical Studies No. 170, Abstract Series No. 25]
SUMMERS, James A. St. Thomas and the universal.
WHEELER, R.S.C.J., Mother Mary Cecelia. Philosophy and the Summa Theologica of St. Thomas Aquinas, [Philosophical Studies No. 169]

Chicago

- BLOOM, Allan David. The political philosophy of Isocrates.
GOUREVITCH, Victor. The philosophy of life of Wilhelm Dilthey.
HAMBURGER, Joseph. The philosophic radicals—a study of Bentham's disciples in English politics.
PROSCH, JR., Harry. The current impasse in ethics.
ROSEN, Stanley. Spinoza's argument for political freedom.

Columbia

- BELTH, Marc. The concept of democracy in Dewey's theory of education. XVI, 767
CHURCHILL, Jordan Maurice. Moral judgment and self-knowledge. XVI, 2182
FAY, Cornelius. The theory of immediate perception among twentieth century scholastic philosophers with special emphasis on the contributions of Domet de Vorges and Léon Noël. XVI, 353
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LUCAS, Gerald Morton. Whewell's philosophy of the inductive sciences. XVI, 1468
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- NEWBURGER, Stanley Wyman. Lalande's theories of induction and experimentation. XVI, 768

- SLEEPER, Ralph William. Metaphysics and the value theories of Urban, Dewey, and Perry. XVI, 768

- SOMMERS, Frederic Tamler. An empiricist ontology: a study in the metaphysics of Alfred North Whitehead. XVI, 549

- TEJERA, Victorino. Philosophy and the art of poetry: a survey of some contemporary relations among poetic criticism, philosophy and poetry.

- THOMAS, Owen Clark. The philosophy of religion of William Temple. XVI, 1262

- WISAN, Richard Norman. The World In Words: on the relation between the meaning of terms and the nature of things; with special reference to an evaluation of English ordinary-language philosophy. XVI, 550

Cornell

- RESNICK, Lawrence. H. H. Price's analysis of the nature of concepts. XVI, 1698

Cornell Teachers

- VAIL, James P. Syllabus in the integration of sociological and moral principles (a Catholic approach).

Duke

- KHATCHADOURIAN, Haig A. The coherence theory of truth: a critical evaluation.

Fordham

- BROWNE, C.M., Rev. Joseph W. An analysis and evaluation of Berkeley's Doctrine of Abstraction.
CALLAHAN, S.J., Rev. Francis F. Philosophical method in Maurice Blondel.
CLARK, R.S.C.J., Mother Mary T. Augustine, first philosopher of freedom.
DALY, F.S.C.H., Bro. John Emmanuel. Orestes A. Brownson and Transcendentalism.
DOWD, Mother Ruth. St. Bernard's contribution to philosophy.
FARLEY, R.S.C.J., Mother Elizabeth H. The efficacy of secondary causes in the Doctrine of Saint Thomas Aquinas.
FLYNN, S.J., Rev. Thomas J. Empirical and metaphysical proofs for the immortality of the human soul.
GILLIGAN, Bernard Benedict. Philosophy and psychiatry.

- Kinetics and mechanism of the thermal decomposition of ammonium nitrate. III. The thermal decomposition of primary aliphatic amine nitrates. XVI, 247
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- SCHUBERT, S.J., Rev. Clarence C. The oxidation of the lower paraffin hydrocarbons.
- TULINSKIE, Alexander. An X-ray crystallographic study of disorder in certain hexa-substituted benzene derivatives.
- WOO, Henry Kyi-oen. The reaction of formaldehyde with cellulosic fibers. XVI, 251
- Purdue
- ABDUL-KARIM, Aziz Farid. A study of silicone-alkyd coatings.
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- BLACKWOOD, Robert Keith. Displacement reactions at saturated carbon atoms.
- BOUDAKIAN, Max Minas. Stereospecific reactions of nucleophilic agents with acetylenes and vinyl-type halides (Parts I-IV). XVI, 1061
- CAHILL, Joseph Michael. A quantum mechanical study of the inductive effect. XVI, 247
- CARPENTER, John Harold. A study of the niobium-germanium system.
- CHUPP, John Paul. Nitration studies: The effects of chlorine in nitrations of alkanes and alkenes.
- CURRY, Robert Patrick. Investigation of the determination of inorganic fluoride and fluorine in organic compounds by the heteropoly blue method.
- DeBOER, Charles Edwin. I. Reduction and cleavage of methoxyl groups in the reactions of lithium amides with bromoanisoles. II. The electrical effects of the tri-phenylsilyl group. XVI, 867
- DINBERGS, Kornelijs. Chlorination of hydrocarbons and the chemistry of 1,2,3,3,5,5-hexachloro-4-(dichloromethylene)-cyclopentene (Parts I and II). XVI, 1063
- DOLCH, William Lee. Permeability and absorptivity of Indiana limestone coarse aggregates. XVI, 2037
- DZOMBAK, William Charles. The heats of combustion of some amides and amines. XVI, 22
- EMRICK, Donald Day. The preparation and geometry of o,o'-bridged biphenyls and diphenylmethanes containing sulfur or selenium in the bridge. XVI, 1065
- HAM, George Edward. The effect of ring size on the rate of acetolysis of the cycloalkyl p-toluenesulfonates. XVI, 870
- HATHAWAY, JR., Clayton Edward. A study of the ring-cleavage reactions of fluorine-containing epoxides (Parts I-V). XVI, 871
- IDOL, JR., James D. The chemistry of hexachlorocyclopentadiene and related compounds.
- JENSEN, Frederick Richard. A study of the Friedel-Crafts acylation and sulfonylation reactions (Parts I and II). XVI, 453
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- KUCERA, Clare. The configuration of the 2-ethylcyclohexanols. XVI, 2307
- KUEMMEL, Donald Francis. The properties and applications of ultraviolet absorbing systems containing inorganic constituents.
- LEWIS, James Edward. Thermodynamic and intermolecular properties of binary liquid systems. XVI, 1073
- MANNO, Peter Joseph. The slow exchange reaction between iodobenzene and aqueous potassium iodide. XVI, 1219
- McFARLIN, Richard F. Substituted lithium aluminum hydrides. A new aldehyde synthesis. XVI, 873
- MEINERS, Alfred Francois. Synthesis and reactions of 1-heptafluoropropylmagnesium bromide.
- MYERS, Clifford Earl. Studies in the high temperature chemistry of silicon, germanium and boron. XVI, 864
- PARTS, Leo. Studies in molecular spectroscopy.
- PAUL, Rolf. Studies directed toward a determination of the absolute configuration of optically active diphenyls.
- PODALL, Harold. A study of the but-tressing effect in some reactions of dialkylpyridines. XVI, 455
- PÜRCKHAUER, Gerhard Wilhelm Richard. Additions of chlorosilanes to halogen-containing olefins.
- RAO, Bookinkere C. Subba. Selective reductions using complex hydrides. XVI, 1068
- SCHROLL, Gene E. Part I. Preparation and amination of o-chloroanisole-3-d. Part II. Stereochemistry of reduction with lithium in ethylamine. Part III. Reduction of acidic hydrocarbons with lithium in primary amines. Part IV. Replacement of hydrogen in ferrocene. XVI, 27
- SIMMS, John Alvin. I. The stereochemistry of the addition of mercaptides to substituted acetylenes. II. Nitration orientation in w-substituted styrenes. III. The Beckmann rearrangement of cyclic sulfone oximes.
- STACY, Carl J. Molecular weight and structural characteristics of some amylopectins and their beta-amylase limit dextrins. XVI, 884
- STUPEGIA, Donald Charles. The hole theory of the liquid state. XVI, 884
- SUBBA RAO, Bookinkere C. Please see RAO, Bookinkere C. Subba.
- SUJISHI, Sei. A study of the relative basicities of phosphine and the methylphosphines. XVI, 660
- SUSI, Heino. Studies in molecular spectroscopy. The vibrational spectra of CF₃CD₃ and CF₃CD₂H.
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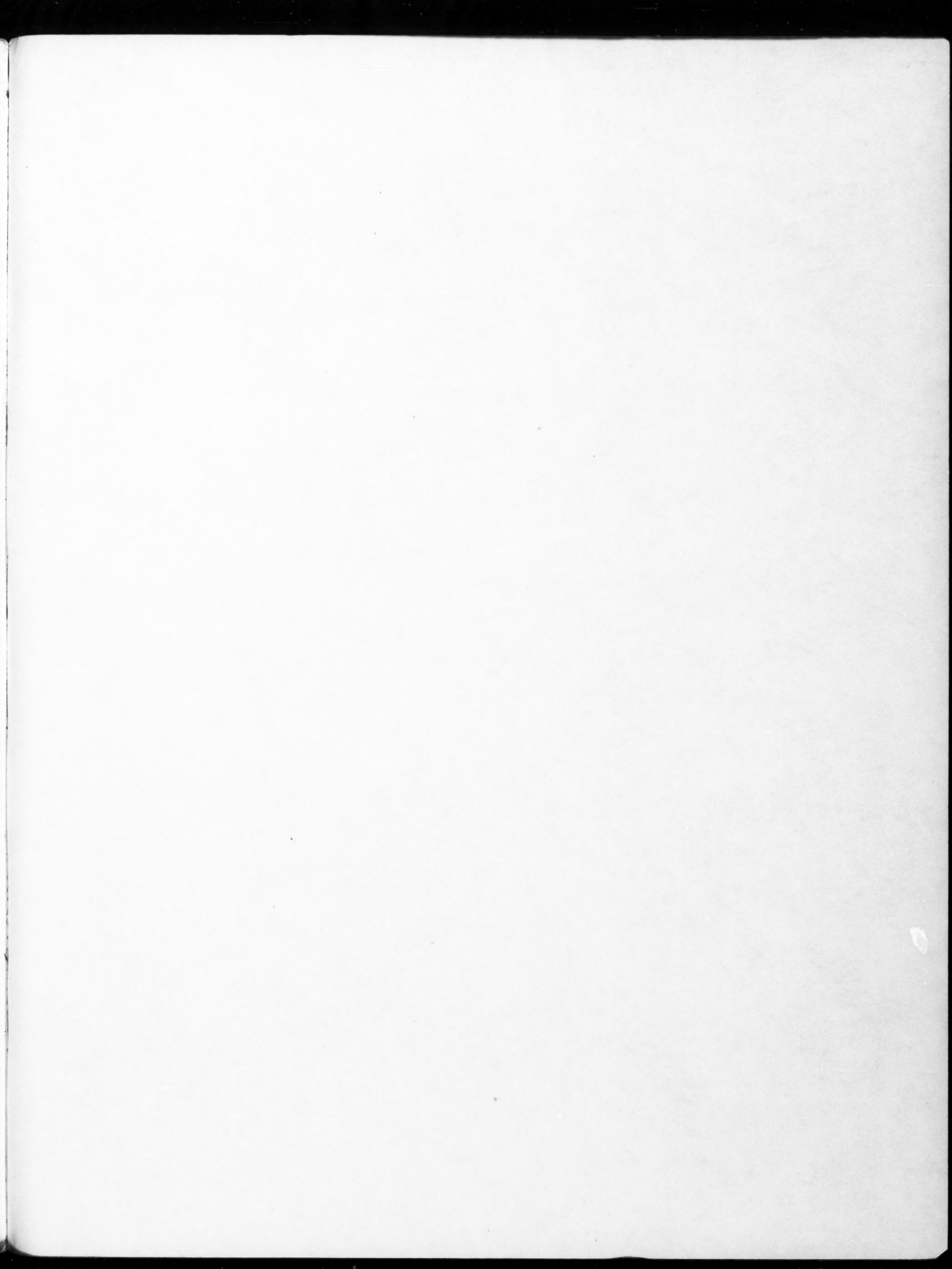
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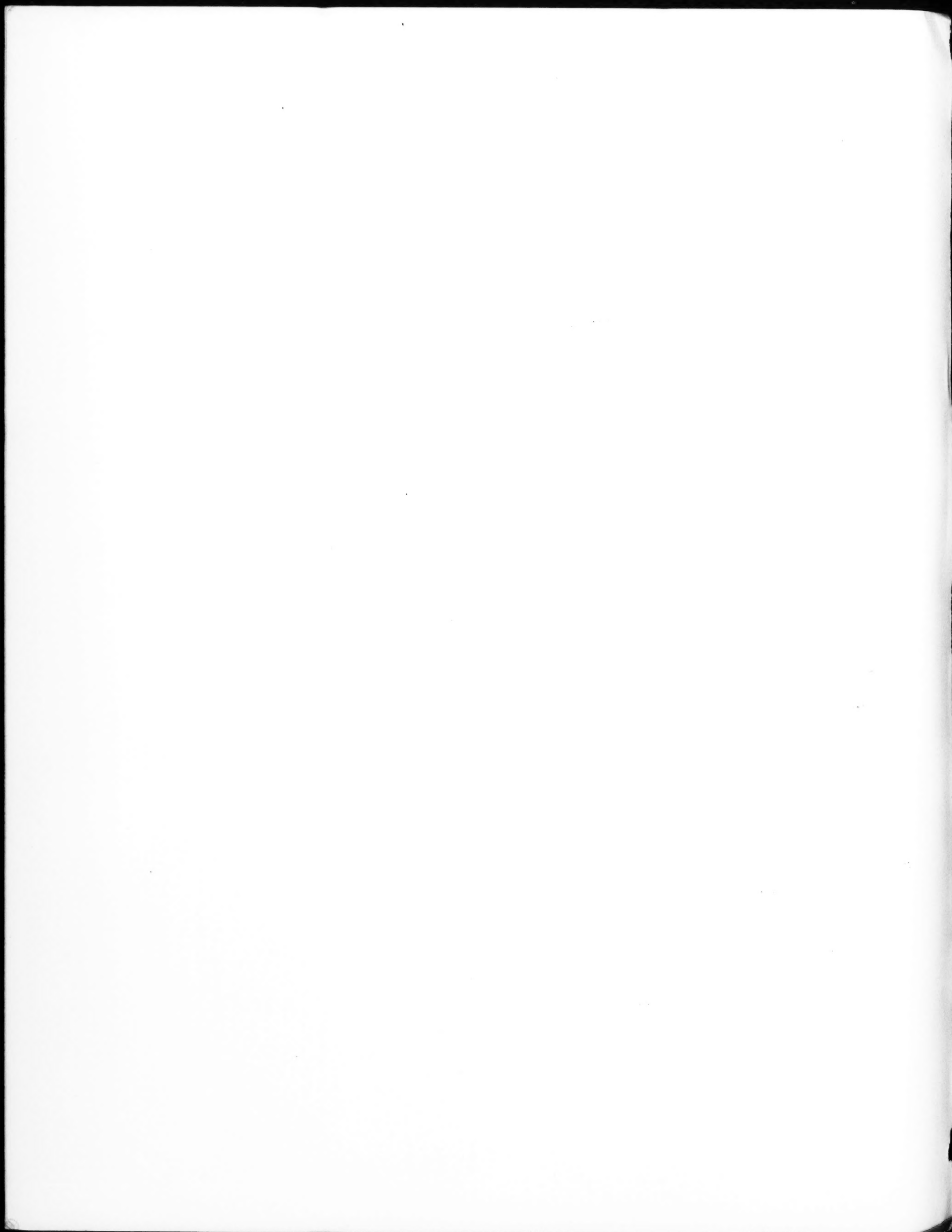
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